

## ABSTRACT

A coordination control device (50) of a power output apparatus includes a coordination control unit (114). The coordination control unit (114) calculates an intermediate value between the maximum value and minimum value among voltage controls ( $V_{u1r}$ ,  $V_{v1r}$ ,  $V_{w1r}$ ) for a first motor generator (MG1), and voltage control ( $V_{aer}$ ) from an AC voltage control generation unit (112) to generate an AC voltage across neutral points of first and second motor generators (MG1, MG2), and outputs a value that is each phase voltage control for the first and second motor generators (MG1, MG2) minus the calculated intermediate value to a PWM-signal generation unit (116) as the final voltage control for the first and second motor generators (MG1, MG2).